

Math 224
Daily Objectives
Class Session 13
Thursday, October 11, 2007

4.4: Linear Transformations and Determinants

- Definition of an n -box in \mathbf{R}^m
- Volume of an n -box in \mathbf{R}^m
- Volume of an n -box in \mathbf{R}^n
- Volume change vector of a linear transformation

5.1: Eigenvalues and Eigenvectors

- Computation of the Fibonacci sequence using matrices